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Unexamined Publication of Patent,S53-14874) (04,JP, Examined Publication of Patent,S5
Title of invention: PRODUCTION OF NONWOVEN FABRIC WITH PATTERN
Abstract:

PURPOSE:After a fibrous web was processed in minute high-speed stream at the aqua impermeability support top, and having formed in seat, high speed stream is processed on support having convexoconcave figure in the face which disposed at the end of the operation, and output efficiency is preferable, and figure is accompanied by in cost low, and nonwoven fabric is got.

CONSTITUTION:The guidance, each interval of roll 4a to 4 c are crossed on band 1 from direction of arrow 21, and fibrous web 7 of expression of the eye 15-100g /m 2 is transferred to direction of arrow 22, it is equal to or less than injection pressure 35Kg/cm 2, and facing jets minute high speed stream from orifice of disposed nozzle body 6a to 6 d in band 1 and roll 4a to 4 c in the meantime, it makes do confounding, and fiber composing web 7 is formed in seat.It is processed in high speed stream from nozzle body 6 on roll 5 having convexoconcave figure in just face, part of the fiber which is located in salient 25a is moved in division corresponding to crevice 25b, figure 27 by high division 27b of bulk density is formed.As for the depth of crevice, figure is formed in the range of 0.1-10mm clearly and break away is easy.

(Machine Translation)

